

|   | U                                   | 1                                     | Document ID | Issue Date | Pages | Title   | Current OR |
|---|-------------------------------------|---------------------------------------|-------------|------------|-------|---|------------|
| 1 | <input type="checkbox"/>            | <input type="checkbox"/> US 6096711 A | 20000801    | 8          |       | Hsp72 induction and applications  | 514/18     |
| 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> US 6075150 A | 20000613    | 34         |       | alpha-ketoamide inhibitors of 20S proteasome  | 548/494    |
| 3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> US 6018028 A | 20000125    | 39         |       | Human proteasome subunit proteins   | 530/350    |
| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> US 5972636 A | 19991026    | 39         |       | ATP-dependent protease and use of inhibitors for same in the treatment of cachexia and muscle wasting | 435/23     |
| 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> US 5872206 A | 19990216    | 20         |       | Compositions and methods for interfering with hepatitis B virus infection                             | 530/300    |
| 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> US 5846810 A | 19981208    | 15         |       | Human 26S proteasome subunit components   | 435/252.3  |
| 7 | <input checked="" type="checkbox"/> | <input type="checkbox"/> US 5847076 A | 19981208    | 62         |       | Regulators of the proteasome  | 530/350    |
| 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> US 5843715 A | 19981201    | 35         |       | Human proteasome subunit proteins   | 435/69.1   |

|   | Current XRef   | Retrieval Classif | Inventor                         | S                                   | C                        | P                        | 2                        | 3                        | 4                        | 5                        |
|---|--|-------------------|----------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 436/173<br>; 436/179<br>; 436/536<br>; 436/63<br>; 436/86<br>; 514/17<br>; 514/19<br>; 514/2   |                   | Sherman, Michael<br>, et al.     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2 |  |                   | Wang, Lisa<br>, et al.           | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 |  |                   | Bandman, Olga<br>, et al.        | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | 435/226<br>; 514/12<br>; 514/410<br>; 514/423<br>; 514/512                                     |                   | Goldberg, Alfred L.              | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | 530/324<br>; 530/326<br>; 530/350<br>; 530/412   |                   | Liang, Tsanyang Jake<br>, et al. | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 | 435/252.33<br>; 435/320.1<br>; 435/325<br>; 435/69.1<br>; 536/23.1<br>; 536/23.2<br>; 536/23.5 |                   | Yano, Keiichi<br>, et al.        | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 | 536/23.5   |                   | DeMartino, George N.<br>, et al. | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 | 435/252.3<br>; 435/320.1<br>; 435/325<br>; 536/23.5<br>; 536/24.31                             |                   | Bandman, Olga<br>, et al.        | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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|----|-------------------------------------|--------------------------|--------------|------------|-------|---|--------------|
| 9  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5831068 A | 19981103   | 27    | Method to increase the density of antigen on antigen presenting cells   | 536/2<br>4.5 |
| 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5786329 A | 19980728   | 41    | ATP-dependent protease and use of inhibitors for same in the treatment of cachexia and muscle wasting               | 514/1<br>2   |
| 11 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5693617 A | 19971202   | 92    | Inhibitors of the 26s proteolytic complex and the 20s proteasome contained therein                                  | 514/1<br>8   |
| 12 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5693483 A | 19971202   | 13    | Cytoplasmic modulators of integrin binding/signalling   | 435/2<br>9   |
| 13 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5580854 A | 19961203   | 18    | Substrate-related peptidyl-aldehyde inhibitors of the proteolytic activity of the multicatalytic proteinase complex | 514/1<br>8   |
| 14 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5565351 A | 19961015   | 40    | ATP-dependent protease and use of inhibitors for same in the treatment of cachexia and muscle wasting               | 435/2<br>26  |
| 15 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5340736 A | 19940823   | 38    | ATP-dependent protease and use of inhibitors for same in the treatment of cachexia and muscle wasting               | 435/2<br>26  |

|    | Current XRef   | Retrieval Classif | Inventor                        | S                        | C                        | P                        | 2                        | 3                        | 4                        | 5                        |
|----|--|-------------------|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 9  | 424/278.1<br>; 435/325<br>; 435/343.2<br>; 435/375   |                   | Nair, Smita K.<br>, et al.      | <input type="checkbox"/> |
| 10 | 435/226<br>; 514/410<br>; 514/423<br>; 514/512   |                   | Goldberg, Alfred L.             | <input type="checkbox"/> |
| 11 | 514/19<br>; 530/331<br>; 560/159<br>; 560/20<br>; 560/27<br>; 560/31<br>; 560/32<br>; 560/41<br>; 560/47 |                   | Stein, Ross L.<br>, et al.      | <input type="checkbox"/> |
| 12 | 435/23<br>; 435/24<br>; 435/4<br>; 435/7.1<br>; 530/300<br>; 530/350<br>; 530/388.26                     |                   | Staunton, Donald E.<br>, et al. | <input type="checkbox"/> |
| 13 | 530/330  |                   | Orlowski, Marian<br>, et al.    | <input type="checkbox"/> |
| 14 | 435/219  |                   | Goldberg, Alfred L.             | <input type="checkbox"/> |
| 15 | 435/219  |                   | Goldberg, Alfred L.             | <input type="checkbox"/> |

|   | Type | L # | Hits | Search Text               | DBs   | Time Stamp          | Comments | Error Definition | Error Or \$ |
|---|------|-----|------|---------------------------|-------|---------------------|----------|------------------|-------------|
| 1 | BRS  | L1  | 184  | proteasome                | USPAT | 2001/04/24<br>11:23 |          |                  | 0           |
| 2 | BRS  | L2  | 55   | 11 and (x adj ray)        | USPAT | 2001/04/24<br>11:23 |          |                  | 0           |
| 3 | BRS  | L3  | 15   | 11 and (proteasome) .ab . | USPAT | 2001/04/24<br>11:23 |          |                  | 0           |